



186353 US.ST25.txt
SEQUENCE LISTING

<110> Shanghai Genomics, Inc.

<120> TUMOR TAG AND THE USE THEREOF

<130> 186353/US

<140> 10/527,257

<141> 2005-03-09

<150> PCT/CN2002/000631

<151> 2002-09-09

<160> 10

<170> PatentIn version 3.3

<210> 1

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)..(639)

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Met	Ala	Ala	Ala	Ala	Ser	Pro	Ala	Phe	Leu	Leu	Arg	Leu	Pro	Leu	Leu	
1				5				10						15		

ctc	ctg	ctg	tcc	agc	tgg	tgc	agg	acc	ggg	ctg	gcc	gac	cct	cac	tct	96
Leu	Leu	Leu	Ser	Ser	Trp	Cys	Arg	Thr	Gly	Leu	Ala	Asp	Pro	His	Ser	
			20					25					30			

ctt	tgc	tat	gac	atc	acc	gtc	atc	cct	aag	ttc	aga	cct	gga	cca	cgg	144
Leu	Cys	Tyr	Asp	Ile	Thr	Val	Ile	Pro	Lys	Phe	Arg	Pro	Gly	Pro	Arg	
		35					40					45				

tgg	tgt	gcg	gtt	caa	ggc	cag	gtg	gat	gaa	aag	act	ttt	ctt	cac	tat	192
Trp	Cys	Ala	Val	Gln	Gly	Gln	Val	Asp	Glu	Lys	Thr	Phe	Leu	His	Tyr	
	50				55				60							

gac	tgt	ggc	agc	aag	aca	gtc	aca	ccc	gtc	agt	ccc	ctg	ggg	aag	aaa	240
Asp	Cys	Gly	Ser	Lys	Thr	Val	Thr	Pro	Val	Ser	Pro	Leu	Gly	Lys	Lys	
65					70				75						80	

cta	aat	gtc	aca	acg	gcc	tgg	aaa	gca	cag	aac	cca	gta	ctg	aga	gag	288
Leu	Asn	Val	Thr	Thr	Ala	Trp	Lys	Ala	Gln	Asn	Pro	Val	Leu	Arg	Glu	
				85					90					95		

gtg	gtg	gac	ata	ctt	aca	gag	caa	ctg	ctt	gac	att	cag	ctg	gag	aat	336
Val	Val	Asp	Ile	Leu	Thr	Glu	Gln	Leu	Leu	Asp	Ile	Gln	Leu	Glu	Asn	
			100					105					110			

tac	ata	ccc	aag	gaa	ccc	ctc	acc	ctg	cag	gcc	agg	atg	tct	tgt	gag	384
Tyr	Ile	Pro	Lys	Glu	Pro	Leu	Thr	Leu	Gln	Ala	Arg	Met	Ser	Cys	Glu	
		115					120					125				

cag	aaa	gcc	gaa	gga	cac	ggc	agt	gga	tct	tgg	cag	ctc	agt	ttc	gat	432
Gln	Lys	Ala	Glu	Gly	His	Gly	Ser	Gly	Ser	Trp	Gln	Leu	Ser	Phe	Asp	

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130

135

140

gga cag atc ttc ctc ctc ttt gac tca gaa aac aga atg tgg aca acg 480
Gly Gln Ile Phe Leu Leu Phe Asp Ser Glu Asn Arg Met Trp Thr Thr
145 150 155 160

gtt cat cct gga gcc aga aag atg aaa gaa aag tgg gag aat gac aag 528
Val His Pro Gly Ala Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Lys
165 170 175

gat atg acc atg tcc ttc cat tac atc tca atg gga gac tgc aca gga 576
Asp Met Thr Met Ser Phe His Tyr Ile Ser Met Gly Asp Cys Thr Gly
180 185 190

ttg	ctt	gag	gac	ttc	ttg	atg	ggc	atg	gac	agc	acc	ctg	gag	cca	agt	624
Trp	Leu	Glu	Asp	Phe	Leu	Met	Gly	Met	Asp	Ser	Thr	Leu	Glu	Pro	Ser	
		195					200					205				

gca gga ggc aca gtc tgacccaaag ccatggccac caccctcagt ccctgcagcc 679
Ala Gly Gly Thr Val
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Leu Cys Tyr Asp Ile Thr Val Ile Pro Lys Phe Arg Pro Gly Pro Arg
35 40 45

Trp Cys Ala Val Gln Gly Gln Val Asp Glu Lys Thr Phe Leu His Tyr
50 55 60

Asp Cys Gly Ser Lys Thr Val Thr Pro Val Ser Pro Leu Gly Lys Lys
65 70 75 80

Leu Asn Val Thr Thr Ala Trp Lys Ala Gln Asn Pro Val Leu Arg Glu
85 90 95

Val Val Asp Ile Leu Thr Glu Gln Leu Leu Asp Ile Gln Leu Glu Asn
100 105 110

Tyr Ile Pro Lys Glu Pro Leu Thr Leu Gln Ala Arg Met Ser Cys Glu
115 120 125

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Gln Lys Ala Glu Gly His Gly Ser Gly Ser Trp Gln Leu Ser Phe Asp
130 135 140

Gly Gln Ile Phe Leu Leu Phe Asp Ser Glu Asn Arg Met Trp Thr Thr
145 150 155 160

Val His Pro Gly Ala Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Lys
165 170 175

Asp Met Thr Met Ser Phe His Tyr Ile Ser Met Gly Asp Cys Thr Gly
180 185 190

Trp Leu Glu Asp Phe Leu Met Gly Met Asp Ser Thr Leu Glu Pro Ser
195 200 205

Ala Gly Gly Thr Val
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<212> PRT
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<400> 3

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20 25 30

Leu Cys Tyr Asp Ile Thr Val Ile Pro Lys Phe Arg Pro Gly Pro Arg
35 40 45

Trp Cys Ala Val Gln Gly Gln Val Asp Glu Lys Thr Phe Leu His Tyr
50 55 60

Asp Cys Gly Ser Lys Thr Val Thr Pro Val Ser Pro Leu Gly Lys Lys
65 70 75 80

Leu Asn Val Thr Thr Ala Trp Lys Ala Gln Asn Pro Val Leu Arg Glu
85 90 95

Val Val Asp Ile Leu Thr Glu Gln Leu Leu Asp Ile Gln Leu Glu Asn
100 105 110

Tyr Ile Pro Lys Glu Pro Leu Thr Leu Gln Ala Arg Met Ser Cys Glu
115 120 125

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Gln Lys Ala Glu Gly His Gly Ser Gly Ser Trp Gln Leu Ser Phe Asp
130 135 140

Gly Gln Ile Phe Leu Leu Phe Asp Ser Glu Asn Arg Met Trp Thr Thr
145 150 155 160

Val His Pro Gly Ala Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Lys
165 170 175

Asp Met Thr Met Ser Phe His Tyr Ile Ser Met Gly Asp Cys Thr Gly
180 185 190

Trp Leu Glu Asp Phe Leu Met Gly Met Asp Ser Thr Leu Glu Pro Ser
195 200 205

Ala Gly Gly Thr Val
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<210> 5
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<212> DNA
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<212> DNA
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 <212> DNA
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<220>
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